

1-23-1932

Board of Trustees Meeting Minutes 1932-01-23

Bowling Green State University

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Bowling Green, Ohio
January 23, 1932

The Board of Trustees of the Bowling Green State College met at its office in the Administration Building at 2:00 P. M. on the above date. The members present were Dr. H. J. Johnston, President; Mrs. Myrtle B. Edwards, Secretary; and R. C. Snyder. Dr. Williams, President of the College; M. S. Watts, representing the Watts & Suhrbier Company; and B. A. Stewart, representing S. P. Stewart & Son, were also present.

The reading of the minutes of the meeting held on December 28, 1931 was dispensed with on account of lack of time.

A letter from John P. Schooley, State Architect & Engineer, inclosing a copy of report dated January 11th and signed by T. S. Brindle, Director, Department of Public Works, and John P. Schooley, State Architect & Engineer, on the ceilings treated with sound-deadening material, Bowling Green State College, by John P. Schooley, State Architect & Engineer, was presented and read.

State of Ohio

DEPARTMENT OF PUBLIC WORKS

Main and Fourth Streets

Columbus, Ohio

January 20th, 1932

Dr. Homer B. Williams, President,
Bowling Green State College,
Bowling Green,
Ohio.

My dear Dr. Williams:

Enclosed find copy of our report on the condition of the ceilings treated with sound-deadening material at Bowling Green State College. We have incorporated in this report, report of Professor Demorest, of Ohio State University, and the other features which you suggested in your recent letter, and trust that this fully covers the situation. Should there be anything further, I hope that we can take care of it for you.

In this report we have tried to be as impartial as possible and have set up facts without placing the blame for this failure, feeling that this was the way you desired this report to be written.

Respectfully submitted,

JOHN P. SCHOOLEY

State Architect and Engineer

s-m
Encls.

REPORT TO DR. H. B. WILLIAMS, PRESIDENT
BOWLING GREEN STATE COLLEGE
BOWLING GREEN, OHIO, OF THE
CONDITION OF PLASTER CEIL-
INGS IN THE NEW RECITATION
AND DEPARTMENTAL BUILDING.
JANUARY 11th, 1932.

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On December 3rd, 1931, the office of the State Architect received a long distance telephone call from Dr. Williams, President, Bowling Green State College, Bowling Green, Ohio, stating that the ceiling of the Vocal Studio in the new Recitation and Departmental Building of Bowling Green State College, had fallen, and requested that the State Architect make a trip to Bowling Green before any of the debris was cleared away, to ascertain, if possible, the cause, or causes of this failure.

The next day, December 4th, Mr. A. T. Connar, then Director of Public Works, Mr. John P. Schooley, State Architect,

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and Mr. J. C. Kennedy, General Superintendent of the State Architect's Office, made a trip to Bowling Green. Dr. Williams also had representatives of the Watts-Suhrbier Company, General Contractors for the building, and Mr. Stewart, of The S. P. Stewart and Sons firm of Architects, who rendered the architectural services on this building, and two members of the school Board of Trustees. This group made an inspection of the damaged ceiling and found that the construction had been as follows: bar joists were used with high-rib metal lath, wired to the under side, and on the floor above, metal fabric was used with two inches of concrete and imbedded sleepers and wood floor. After the metal lath was wired in place, a sound deadening material composed of sawdust taken from local saw mills, and lime mixed together and moistened with water, to a plastic consistency, was then placed on the upper side of the metal ceiling lath before the metal fabric was stretched on top of the metal joists for the second floor construction. The lath was then rough-coated and an ornamental plaster ceiling stuck to this rough coating.

This is the first case, to our knowledge, where a sound-deadening treatment of this kind has been used. This material had been in place five or six months before the ceiling failed. Samples were taken of both plaster and sound-proofing and brought back to Columbus for testing. These were sent to the Ohio State University Testing Laboratories, and the following report was received from Professor D. J. Demorest, of the Department of Metallurgy:

"Columbus, Ohio
December 31, 1931

Mr. Charles Kennedy,
Architect and Engineering Department,
#148 E. Main St.,
Columbus, Ohio

Dear Sir:

I have examined the plaster and sound deadening material which you brought to my office, stating that it came from the fallen ceiling of the Normal School Auditorium at Bowling Green, and have made some experiments which the following conclusions:

The failure was due to the rusting (more properly, corrosion) of the tie wires which were used to tie up or fasten the expanded metal lath. The corrosion in turn was caused by the combination of the sawdust and hydrated lime in a dampened condition which rested upon the lath and surrounded the tie wires, both of which corroded badly.

Lime, itself, is a protective agent against the corrosion of iron and perfectly dry sawdust is harmless, but the two together, when in contact with iron and damp, constitute a galvanic cell causing the iron to go into solution and precipitate as ferric hydroxide (rust) about the sawdust particles. This would not happen if the sawdust particles were all completely coated with the lime but to assure this thorough coating is practically impossible. Therefore, a lime and sawdust mixture should never be allowed to be in contact with thin metal in the presence of moisture or dampness.

After a few tie wires had given way the lever effect upon the other wires would tear the whole ceiling loose.

Very truly yours,

(Signed) D. J. Demorest

DJD/MDL"

MC MANUS-TROUP CO., TOLEDO, OHIO-72773

On December 22nd, 1931, Mr. Schooley, State Architect, Professor Bradford, former head of the Department of Architecture at Ohio State University; Professor Shank, Department of Strength of Material, and Professor Dierker, Department of Metallurgy, made a second trip to Bowling Green, to inspect the other ceilings in this same building that had been sound-treated with the material as above designated. The condition existing in these ceilings was found to be similar to that which existed in the Vocal Studio. A violent corrosion had taken place on all metal tie wires. This action was so pronounced that it was deemed advisable to close these rooms as a precaution against another failure. The cause of this corrosion, which resulted in the Vocal Studio ceiling failing, is very fully explained in Professor Demorest's report.

Another contributing factor was found in the fact that the air in the space between the plaster ceiling and the floor was very heavily laden with moisture which, at this space between the ceiling and floors has no ventilation, could not escape. This moisture came from the sound-proofing material and the drippings from the cement slab above. The extent of the action of this moisture-laden air was strong enough to rust even the enamel electrical conduit which had not come in contact with any of the sound-proofing material.

After examination of the ceilings which had been sound-treated as before mentioned, we came to the conclusion that it would be necessary to remove the plaster and lath from these ceilings and remove the sound-proofing material, as any moisture that might reach this material would again set up an attack on the metal ties, which would result in further failures. This would not only be destructive from a building and equipment standpoint, but distinctly dangerous to the occupants of these rooms.

The reports in this office show that this building was started September 30th, 1930, and completed and accepted about September 30th, 1931. Mr. S. P. Stewart and Son, of Bowling Green, Ohio, were the architects and the Watts-Suhrbier Company, of Toledo, were the General Contractors.

We find that there was a deviation from the plans and specifications on file in this office, as they called for the following acoustical treatment, as shown on page 57, General Specifications:

"ACOUSTICAL TREATMENT

All 4" partitions of Practice Rooms and adjoining Halls, also suspended ceilings of same shall be lathed with a combined metal lath and 1/2" "Flaxlinum" as manufactured by Flaxlinum Insulating Company, St. Paul, Minnesota, whose product or similar approved combined lathing and insulating product shall be used.

This material shall be securely fastened to studs and ceiling channels in an approved manner. Over above apply three coats of plaster as specified for other metal lath.

Ceilings of Vocal Studio and Piano Studio to have the above treatment, wired direct to ceiling construction."

This deviation, we understand, was on an agreement between the Architects, S. P. Stewart and Son, and the General Contractor, The Watts-Suhrbier Company.

It was the desire of this office to find the contributing causes of this failure, so there would be no recurrence in the future, by other architects, and with this in mind, this report has been formulated, stating the facts as we found them.

Respectfully submitted,

(Signed) T. S. Brindle
Director of Public Works

(Signed) John P. Schooley
State Architect and Engineer

A letter from John P. Schooley, State Architect & Engineer, dated January 21, 1932 inclosing a copy of a letter to the Engineering Experiment Station, E. A. Hitchcock, Director, dated January 13th and signed by A. H. Dierker, J. R. Shank, Joseph N. Bradford, containing a memorandum of observations at Bowling Green State College on ceiling failure in the Practical Arts Building together with deductions and suggestions was presented and read. The inclosed letter was also read.

State of Ohio
DEPARTMENT OF PUBLIC WORKS
Main and Fourth Streets
Columbus

John P. Schooley
State Architect and Engineer

January 21st, 1932

Dr. Homer B. Williams, President,
Bowling Green State College,
Bowling Green, Ohio

My dear Dr. Williams:

Enclosed find copy of report of Professors A. H. Dierker, J. R. Shank and Jos. N. Bradford, who accompanied me on my last trip to Bowling Green, when we inspected the condition of the ceilings that had been sound-proofed in the rooms other than the Music Room, which failed.

I feel that you should have a copy of same, as this report gives more emphasis on the moisture-laden air condition than on the electrolytic action. Should you care for another copy, please advise me.

Very truly yours,

(Signed) John P. Schooley

JOHN P. SCHOOLEY
State Architect and Engineer

s-m
encls.

THE OHIO STATE UNIVERSITY
George W. Rightmire, President

Engineering Experiment Station
E. A. Hitchcock, Director

Columbus
January 13, 1932.

Dean, E. A. Hitchcock, Director
Engineering Experiment Station
Campus

Dear Director Hitchcock:

Following is a memorandum of our observations at Bowling Green, Ohio, on the ceiling failure in the Home Economics Building at the Bowling Green State Normal School, together with some deductions and suggestions.

Mr. John P. Schooley, state architect, Professor J. N. Bradford, Mr. A. H. Dierker, and the writer went to Bowling Green December 22, 1931, and looked over the situation. President Homer B. Williams and Dr. Johnson, president of the Board of Trustees, met us. President

Williams showed us materials taken from the debris of the fallen ceiling as well as pieces cut from ceilings of similar construction but lighter plaster load which are still in place in other rooms of the building. We then viewed the present situation in the room where the ceiling had fallen.

We learned from President Williams and the engineer of buildings and grounds that the constructor completed the erection of the metal lath and the plastering of these ceilings before the concrete slab of the floor above was poured. About 3 to 4 inches of a mixture of new sawdust containing considerable oak was mixed with milk of lime and placed on the expanded metal lath to act as a soundproofer. This was also placed before the concrete slab was poured. The expanded metal lath was secured to small pressed channels which rested on the bottom chords of the bar joists by means of No. 20 galvanized wire, one loop to about 64 square inches of ceiling area. The main supports of the floor above and the ceiling were welded Warren type bar joists having chord members about 2 inches wide. The web members were rounds not less than one-half inch in diameter. No accurate measurements were made on these. Welded truss bridging of slightly less depth ran at right angles to the joists. Conduits were found to be just under the top chords and considerably above the soundproofing material except where they ran to ceiling outlets. The floor construction above was a concrete slab poured on a form made up of wire mesh and heavy paper. The wire mesh was about 4 inches square of No. 10 or No. 12 galvanized wire welded at the crossings. The paper looked like "Sisalcraft", a strong two-ply paper between which is placed a layer of asphaltic material strewn with sisal fibers. The walls were solid between the ceiling and the floor slab on all four sides of the room which made a dead space when the ceiling was in place.

The exhibits shown by President Williams indicated that the failure was caused by the No. 20 wires being rusted or corroded through. Evidences of heavy corrosion were also found on the expanded metal lath, on the bar joists, on the bridging, and even on the rustproof enameled conduit. When the plaster completely covered the metal lath there was no corrosion. The corrosion was not uniformly distributed over any of these metal parts. It appeared in spots. At some places the rib of the lath was completely severed. At others the paint was intact. Spots of heavy corrosion were also found on the bar joists and on the conduit. The bridging showed the most uniform rusting. It showed no evidences of ever having been painted. The engineer of buildings informed us that this bridging was rusted before it was erected. The most striking observation was that the rust proof enameled pipe conduit which was above the soundproofing was almost as badly corroded as the bar joists. Corrosion on the bar joists was about as bad above the soundproofing as where it was covered by it.

Parts of the exhibit fallen material indicated concrete on the soundproofing. In one case shown, the concrete had piled to as much as one and one-half inches in thickness, and the pile indicated that a rather wet concrete had been used in the slab. Evidently water and concrete had leaked through the paper form. These leaks occurred at the joints of the paper and at other places where the aggregate of the concrete had punctured the paper. Indications were that the air in the space between the ceiling and the floor had been saturated with moisture for an extended period of time. Here in the laboratory of the experiment station building, a coil of 20 gauge steel wire was half buried in lime putty and the upper half was maintained in a water saturated atmosphere for two weeks. The part in the lime was hardly damaged, that part in the saturated atmosphere was entirely corroded through in places, and the corroded parts exhibited the same appearance as was observed on the wire of the fallen ceiling. That the enameled conduit not in contact with the soundproofing was also extensively corroded testifies also to the corrosive work of the highly humidified atmosphere.

We took occasion to look at a suspended ceiling at another part of the building where the same plaster and the same metal lath were used, but where the whole was suspended 3 or 4 feet below the roof construction, where a change of air was constantly going on, and where there was no soundproofing used. Here there were no evidences of rust even though the plaster did not completely cover metal lath. The following deductions are presented. The corrosion took place largely because of the water drip from the slab into the sawdust-lime soundproofing which could then not escape, excepting very slowly through the plaster, because of the sealed condition of the air space. The small tie wires although apparently embedded in the plaster and soundproofing were at many places exposed to small spaces in the sawdust-lime soundproofing which contained saturated air. This caused them to become so weakened that they failed to carry their load. The ceiling, therefore, was dropped. Although a possibility of electrolytic action between the wire and the soundproofing material has been indicated, failure would have occurred in the absence of such action.

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By way of repairs, the following suggestions might be made. That all of the steel work, bar joists, bridging, conduits, etc. shall be thoroughly cleaned of all rust and corrosion by means of wire brushes, scrapers, or sand-blast or other approved method, and that not less than two coats of red-lead and linseed oil paint or equivalent rust preventing asphaltic or graphitic paint or suitable pyroxiline laquer shall be applied and given plenty of time to dry, that new expanded metal lath shall be secured to suitable pressed channels by means of galvanized wire No. 16 or heavier spaced so as to have a stress of not more than 10,000 pounds per square inch tension; and that the plaster shall then be applied to produce the strength and decorative effects desired by the architect.

Because of the condition of the bar joists having steel web members coming into contact with the metal lath and the slab above, any soundproofing desired should be placed below the brown coat. Any soundproofing in the space between the metal lath and the floor slabs in the region of the web members of the bar joists would be useless.

Respectfully submitted,

(Signed) A. H. Dierker,
J. R. Shank,
Jos. N. Bradford.

Dr. Johnston, President of the Board of Trustees, called upon Mr. Stewart and Mr. Watts for remarks and comments on the letters and reports above mentioned, but neither made any statements for record.

Moved by Snyder and seconded by Mrs. Edwards that the reports above mentioned be submitted to the Attorney General with the request that he investigate the entire matter and advise the Board concerning its procedure and further that copies of the reports be furnished to the Watts & Suhrbier Company and S. P. Stewart & Son. Voting aye: Johnston, Mrs. Edwards, Snyder. Motion carried.

Dr. Williams presented receipts from the Treasurer of State for collections reported at the last meeting of the Board as follows:

Additional fees, first semester, 1931-32 and miscellaneous sales amounting to \$298.85

Partial report of balance arising from sale of books from January, 1917 to December, 1931 amounting to \$3,686.14

Balance arising from student health fees from September, 1929 to December 31, 1931 amounting to \$4,328.31

TO ORIGINATING DEPARTMENT, DIVISION, OR INSTITUTION

Columbus, Ohio, December 29, 1931 No. 4049

The Department of The Treasurer of State hereby certified that the above payer Bowling Green State College has on this date paid into the State Treasury the sum of \$298.85 collected from sources detailed and to be credited to the fund or account as shown above.

W. A. Bailey, Cashier

TO ORIGINATING DEPARTMENT, DIVISION, OR INSTITUTION

Columbus, Ohio, December 29, 1931 No. 4050

The Department of The Treasurer of State hereby certifies that the above payer Bowling Green State College has on this date paid into the State Treasury the sum of \$8014.45 collected from sources detailed and to be credited to the fund or account as shown above.

W. A. Bailey, Cashier

Dr. Williams further reported that on December 29th he sent to Treasurer Brown check for additional balance arising from sale of textbooks from January, 1917 to December, 1931 amounting to \$6,774.99 and on January 16th check for sale of cows amounting to \$350.00. He stated that these amounts were forwarded to the Treasurer of State and presented receipts therefor.

December 29, 1931

Received of Gertrude Brod, Assistant Treasurer, the following sum to be forwarded to the State Treasurer:

Additional balance arising from sale of textbooks from January, 1917 to December, 1931 -

\$6774.99

(Signed) D. C. Brown
Treasurer

MC MANUS-TROUP CO., TOLEDO, OHIO-72773

TO ORIGINATING DEPARTMENT, DIVISION, OR INSTITUTION

Columbus, Ohio, December 31, 1931 No. 9

The Department of The Treasurer of State hereby certifies that the above payer Bowling Green State College has on this date paid into the State Treasury the sum of \$6774.99 collected from sources detailed and to be credited to the fund or account as shown above.

W. A. Bailey, Cashier

January 16, 1932

Received of Gertrude Brod, Assistant Treasurer, the following sum to be forwarded to the Treasurer of State:

Sale of Cows as Follows:

1 cow "Garrowmore Sindt Butter Girl"	\$15.00
1 cow "Garrowmore Dot Pride"	15.00
1 cow "Flo"	65.00
1 Holstein-Jersey Heifer	20.00
2 Holstein calves	25.00
1 cow "Pansy"	20.00
1 cow "Betty"	45.00
1 cow "Pet"	35.00
1 cow "Bess"	35.00
1 cow "Lou"	40.00
1 cow "Bennie"	35.00

 \$350.00

(Signed) D. C. Brown
Treasurer

Competitive bid W. H. Barlekamp, Burgoon, Ohio - \$275.00

TO ORIGINATING DEPARTMENT, DIVISION, OR INSTITUTION

Columbus, Ohio

No. 273

The Department of The Treasurer of State hereby certifies that the above payer Bowling Green State College has on this date paid into the State Treasury the sum of \$350.00 collected from sources detailed and to be credited to the fund or account as shown above.

W. A. Bailey, Cashier

A letter from Howard P. Warwick, Service Director of the City of Bowling Green, advising that the Board of Control had formally rejected the bid of the Board of Trustees for lots 247-250 was read and ordered spread upon the minutes.

HOWARD P. WARWICK
Director of Service and Safety

CITY OF

BOWLING GREEN, OHIO

January 25, 1932

H. B. Williams, Pres.
State College,
Bowling Green, O.

Dear Sir:

This is to notify you that the board of control has formally rejected your bid for Inlots 247-250 inclusive so that the lots can be advertised again according to the understanding.

Yours truly,

(Signed) Howard P. Warwick
Service Director

MC MANUS-TRUP CO., TOLEDO, OHIO-72773

A request for leave of absence for the second semester without salary from Harriet S. Hayward to travel; also a request for leave of absence without salary from William P. Holt for graduate study at the University of Michigan were reported by Dr. Williams. Moved by Snyder and seconded by Mrs. Edwards that the requests be granted. Voting aye: Johnston, Mrs. Edwards, Snyder. Motion carried.

Dr. Williams nominated substitute instructors for the second semester beginning February 1st and recommended their appointment at the salaries set opposite the name of each:

Dr. Fred R. Neumann -----\$291.00 per month
Mabel Madden ----- 269.44 " "

He also recommended the reappointment of Mildred Ann Paxton as Kindergartner for the second semester at a salary of \$269.44 per month. He further recommended that the part-time salary of Dwight Daniels be increased from \$66.66 per month to \$97.00 per month, because his schedule had been increased from one-third part-time to one-half part-time effective February 1st.

Moved by Snyder and seconded by Mrs. Edwards that the nominations be confirmed at the salaries recommended. Voting aye: Johnston, Mrs. Edwards, Snyder. Motion carried.

Dr. Williams recommended that the salaries of all dormitory employees receiving \$60.00 per month or more be reduced 3% effective January 1, 1932. Moved by Snyder and seconded by Mrs. Edwards that the recommendation be approved. Voting aye: Johnston, Mrs. Edwards, Snyder. Motion carried.

Dr. Williams reported that there was a bank balance of over \$7000.00 in the dormitory fund and requested the advise of the Board concerning the investment of this balance. Moved by Snyder and seconded by Mrs. Edwards that the balance be invested in Government securities. Voting aye: Johnston, Mrs. Edwards, Snyder. Motion carried.

The matter of starting the construction of a building to serve the purposes of a students union out of local funds was discussed at some length. Moved by Snyder and seconded by Mrs. Edwards that Dr. Williams be instructed to make inquiry of the Controlling Board, Auditor, and State Architect, regarding the proper procedure in handling the entire project. Voting aye: Johnston, Mrs. Edwards, Snyder. Motion carried.

A list of candidates for graduation on January 29, 1932, recommended by President Williams and the faculty, was submitted to the Board.

Diploma in Elementary Education

Arndt, Hilda M.	Kershner, Ruth W.
Barrett, Mearl E.	Lippus, Dorothy I.
Bates, Laura M.	Newlove, Margaret K.
Beaver, Cora Z.	Rector, Lois
Beier, Arvilla	Rettig, Dorothy
Christler, Mildred	Sanders, Viola
Cole, M. Arleta	Savage, Ruth Cornelia
Coulon, Phyllis	Spiess, Wilma Belle
Elser, Harriet Irene	Steger, Pearl M.
Freeman, Margaret	Taulker, Lorraine Ethelyn
Harshman, Jessie May	Wetlin, LaRue M.
Keep, Kathryn E.	Zerck, Juanita K.
Kelsey, Frances Lucille	

Degree -- Bachelor of Science in Education

General

Daniels, William G.	Randall, Vera K.
Park, Calvin	

Moved by Snyder and seconded by Mrs. Edwards that the list be approved and spread upon the minutes. Voting aye: Johnston, Mrs. Edwards, Snyder. Motion carried.

Dr. Williams requested leave of absence to attend the annual meeting of the American Association of Teachers Colleges and the Department of Superintendence, N.E.A. to be held at Washington, for February 19th to 24th, and the annual meeting of the North Central Association, at Chicago, for March 14th to 17th. Moved by Snyder and seconded by Mrs. Edwards that the requests be granted. All members voting aye. Motion carried.

The following payrolls were presented for action of the Board:

Feb. 2 -

Name	Position	Time	Rate	Amount
Ernest Franks	Farmer	1 Mo.	58.20	58.20
		Total	Rotary - Farm	58.20

Feb. 10 -

Name	Position	Time	Rate	Amount
Thelma R. Stevenson	College Nurse	1 Mo.	121.25	121.25
		Total	Rotary - Health	121.25

Feb. 12 -

Name	Position	Time	Rate	Pension Deduction	Amount
H. B. Williams	President	1 Mo.	687.08	8.89	678.19
Florence Baird	Instructor	1 "	237.11	8.89	228.22
G. W. Beattie	Professor	1 "	409.55	8.89	400.66
C. J. Biery	Professor	1 "	409.55	8.89	400.66
Ruth Bourne	Instructor	1 "	258.66	8.89	249.77
Janet Bower	Instructor	1 "	237.11	8.89	228.22
Grace Cannon	Instructor	1 "	258.66	8.89	249.77
J. W. Carmichael	Professor	1 "	377.21	8.89	368.32
Charles F. Church	Asst. Professor	1 "	280.21	8.89	271.32
D. J. Crowley	Associate Professor	1 "	366.44	8.89	357.55
Dwight Daniels	Instructor	1 "	97.00	3.88	93.12
Grace Durrin	Asst. Professor	1 "	296.38	8.89	287.49
Leon Fauley	Asst. Professor	1 "	296.38	8.89	287.49
Clyde Gleason	Associate Professor	1 "	366.44	8.89	357.55
Mary B. Gray	Asst. Professor	1 "	269.44	8.89	260.55
Anna Gryting	Asst. Professor	1 "	269.44	8.89	260.55
Emilie Hartman	Instructor	1 "	247.88	8.89	238.99
Edna Hedrick	Instructor	1 "	237.11	8.89	228.22
Helen Henderson	Asst. Professor	1 "	312.55	8.89	303.66
Laura Heston	Associate Professor	1 "	344.88	8.89	335.99
R. G. Hieber	Instructor	1 "	237.11	8.89	228.22
Clyde Hissong	Dean College of Education				
	Professor of Education	1 "	458.05	8.89	449.16
W. C. Hoppes	Dir. of Training School				
	Associate Professor	1 "	323.33	8.89	314.44
E. G. Knepper	Associate Professor	1 "	388.00	8.89	379.11
C. C. Kohl	Professor	1 "	485.00	8.89	476.11
Paul E. Landis	Asst. Professor	1 "	334.11	8.89	325.22
Alma Leedom	Asst. Registrar	1 "	194.00	7.76	186.24
Rea McCain	Professor	1 "	388.00	8.89	379.11
M. C. McEwen	Asst. Professor	1 "	323.33	8.89	314.44
Mable Madden	Asst. Professor	1 "	269.44	8.89	260.55
C. S. Martin	Professor	1 "	398.78	8.89	389.89
H. R. Mathias	Instructor	1 "	237.11	8.89	228.22
Lena I. Mills	Asst. Professor	1 "	291.00	8.89	282.11
Mrs. Irene C. Mooers	Instructor	1 "	131.48	5.26	126.22
E. L. Moseley	Professor	1 "	431.11	8.89	422.22
F. R. Neumann	Asst. Professor	1 "	291.00	8.89	282.11
Caroline Nielsen	Associate Professor	1 "	344.88	8.89	335.99
B. F. Nordmann	Associate Professor	1 "	366.44	8.89	357.55
F. C. Ogg	Associate Professor	1 "	323.33	8.89	314.44
Nellie Ogle	Asst. Professor	1 "	269.44	8.89	260.55
Charles H. Otis	Asst. Professor	1 "	344.88	8.89	335.99
J. R. Overman	Dean College of Arts.				
	Professor of Mathematics	1 "	511.94	8.89	503.05
C. D. Perry	Registrar	1 "	388.00	8.89	379.11
Mayme Porter	Instructor	1 "	215.55	8.89	206.66
E. C. Powell	Asst. Professor	1 "	334.11	8.89	325.22
Chas. F. Reeves	Professor	1 "	409.55	8.89	400.66
Alice Roth	Supervisor Elementary				
	Practice Teaching	1 "	291.00	8.89	282.11
John Schwarz	Professor	1 "	409.55	8.89	400.66
Maude F. Sharp	Dean of Women	1 "	344.88	8.89	335.99
Caroline Shaw	Asst. Professor	1 "	301.78	8.89	292.89
Warren E. Steller	Associate Professor	1 "	377.21	8.89	368.32
Minnie Stensland	Asst. Professor	1 "	280.21	8.89	271.32
Helen B. Todd	1/2 time Associate Professor	1 "	188.61	7.54	181.07
Lilian Tressel	Instructor	1 "	237.11	8.89	228.22
R. M. Tunnicliffe	Professor	1 "	409.55	8.89	400.66
Florence Williamson	Professor	1 "	377.21	8.89	368.32
Grace D. Wills	Asst. Professor	1 "	269.44	8.89	260.55
H. E. Witherington	Asst. Professor	1 "	301.78	8.89	292.89
W. A. Zaugg	Professor	1 "	431.11	8.89	422.22
Ethyl Blum	Librarian	1 "	258.66		258.66
Ruby L. King	Asst. Librarian	1 "	161.66		161.66
Margaret Yocom	Asst. Librarian	1 "	161.66		161.66
Gladys Burling	Asst. Librarian	1 "	172.44		172.44
Nina Beattie	Training School Critic	1 "	291.00	8.89	282.11
Maude Doane	Training School Critic	1 "	269.44	8.89	260.55
Margaret Duncan	Training School Critic	1 "	269.44	8.89	260.55
Elsie Lorenz	Training School Critic	1 "	269.44	8.89	260.55
Mildred Paxton	Training School Critic	1 "	269.44	8.89	260.55

MC MANUS-THROUP CO., TOLEDO, OHIO-72773

Name	Position	Time	Rate	Pension Deduction	Amount
Mae Simmons	Training School Critic	1 Mo.	269.44	8.89	260.55
Lydia Winkler	Training School Critic	1 "	269.44	8.89	260.55
Marvalene Day	Ridge St. Sch. Critic	1 "	237.11	8.89	228.22
Vivian Craun	Ridge St. Sch. Critic	1 "	258.66	8.89	249.77
Hattie Crawley	Ridge St. Sch. Critic	1 "	269.44	8.89	260.55
Helen McKibben	Ridge St. Sch. Critic	1 "	269.44	8.89	260.55
Emily Ordway	Ridge St. Sch. Critic	1 "	258.66	8.89	249.77
Ethel Reed	Ridge St. Sch. Critic	1 "	258.66	8.89	249.77
Ruth Van Dorn	Ridge St. Scho. Critic	1 "	258.66	8.89	249.77
Elizabeth Gelvin	Junior H. S. Critic	1 "	215.55	8.89	206.66
Helen Hays	Junior H. S. Critic	1 "	194.90	7.76	186.24
Elizabeth Inman	Junior H. S. Critic	1 "	204.78	8.19	196.59
John J. Kleinfelter	Junior H. S. Critic	1 "	194.00	7.76	186.24
E. N. Littleton	Principal & Critic	1 "	309.86	8.89	300.97
R. Eugene Morse	Junior H. S. Critic	1 "	269.44	8.89	260.55
Ferris Myrice	Junior H. S. Critic	1 "	226.33	8.89	217.44
Nellie Randall	Junior H. S. Critic	1 "	215.55	8.89	206.66
Wilbur Ridgr	Junior H. S. Critic	1 "	188.61	7.54	181.07
Ralph Schaller	Junior H. S. Critic	1 "	237.11	8.89	228.22
H. R. Troyer	Junior H. S. Critic	1 "	226.33	8.89	217.44
Hazel Underhill	Junior H. S. Critic	1 "	204.78	8.19	196.59
Clarence Winestock	Junior H. S. Critic	1 "	194.00	7.76	186.24
J. M. York	Junior H. S. Critic	1 "	226.33	8.89	217.44
W. A. Alexander	Part-time Sr. H. S. Critic	1 "	54.56	2.18	52.38
Evelyn Harmon	Part-time Sr. H. S. Critic	1 "	107.78	4.31	103.47
Roy V. Hilty	Part-time Sr. H. S. Critic	1 "	118.55	4.74	113.81
Ruby Dean LeVier	Part-time Sr. H. S. Critic	1 "	129.33	5.17	124.16
Ralph Rettig	Part-time Sr. H. S. Critic	1 "	53.88	2.16	51.72
Margaret Robson	Part-time Sr. H. S. Critic	1 "	89.81	3.59	86.22
Katherine Ruh	Part-time Sr. H. S. Critic	1 "	97.00	3.88	93.12
T. F. Edwards	Part-time rural critic	1 "	32.33	1.29	31.04
Teachers Retirement				783.49	783.49

Total A-1 27430.09

A-2

Mrs. Mary C. Hissong Sub. College Teaching 32 Hrs. 3.39 per hr. 108.48

Rotary-Health

Helen B. Todd One-Half time College Physician 1 Mo. 188.61 188.61

A-1 27430.09

A-2 108.48

Rotary-Health 188.61 27727.18

Feb. 17 -

Name	Position	Time	Rate	Amount
W. C. Jordan	Financial Clerk	1 Mo.	291.00	291.00
Gertrude Brod	Bookkeeper	1 "	169.75	169.75
Bessie G. Stallbohm	Stenographer	1 "	121.25	121.25
Ada L. Meyerholtz	Clerk	1 "	121.25	121.25
Idell Wolf	Stenographer	1 "	87.30	87.30
Neva Battles	Stenographer	1 "	80.83	80.83
Marcellene Rigdon	Clerk - one-half time	1 "	40.41	40.41
Randolph Ronk	Supt. of Bldg. & Grds	1 "	202.08	202.08
John Myers	Janitor	1 "	113.16	113.16
W. E. Frost	Janitor	1 "	92.96	92.96
John Carnicom	Janitor	1 "	92.96	92.96
E. E. Long	Janitor	1 "	92.96	92.96
Kenneth Wyandt	Janitor	1 "	92.96	92.96
Christie Miller	Janitor	1 "	80.83	80.83
Alta L. Miller	Janitress	1 "	24.25	24.25
Alice Stevens	Janitress	1 "	58.20	58.20
Emanuel Smith	Fireman	1 "	116.40	116.40
Chester Spencer	Fireman	1 "	116.40	116.40
Emory Young	Fireman	1 "	116.40	116.40
Charles Clingo	Grounds Laborer	1 "	97.00	97.00
J. W. Palmer	Carpenter	1 "	101.04	101.04
M. Finkenbeiner	Grounds Laborer	1 "	92.96	92.96
Lincoln Miller	Night Watchman	1 "	92.96	92.96
Lyman Stevens	Night Watchman	1 "	121.25	121.25
Ernest Franks	Farmer	1 "	58.20	58.20
Wilda Tavernier	Janitress	1 "	58.20	58.20

Total A-1 2732.96

Rotary - Bookstore

Marcellene Rigdon 1/2 time Clerk-Bookstore 1 " 40.42 40.42

Rotary - Health

Thelma R. Stevenson College Nurse 1 " 121.25 121.25

A-1 2732.96

Rotary-Bookstore 40.42

Rotary-Health 121.25 2894.63

MC MANUS-TRUP CO., TOLEDO, OHIO-72773

February 17 -

Name	Position	Time	Rate	Amount
Ernestine Barckert	Student Help Library	57 Hrs.	.20	11.40
Viola Bates	"	45 "	.20	9.00
Howard Berry	"	58 "	.20	11.60
DeWayne Burke	"	103 "	.20	20.60
Marjorie Caughey	"	73½ "	.20	14.70
Dorothy Coriell	"	89 "	.20	17.80
Cecil DeLong	"	45 "	.20	9.00
Grace Dussault	"	78 "	.20	15.60
Martha Fields	"	69 "	.20	13.80
VembaFoltz	"	43 "	.20	8.60
Marie Gaeth	"	113½ "	.20	22.70
Marguerite Hanna	"	31 "	.20	6.20
Gale Herbert	"	41 "	.20	8.20
Bessie Hollett	"	17 "	.20	3.40
Catherine Huber	"	96 "	.20	19.20
LaVerda Hutchinson	"	81 "	.20	16.20
Selma Katterheinrich	"	4 "	.20	.80
Shirley Kellogg	"	61½ "	.20	12.30
Dorothy Kihlken	"	59 "	.20	11.80
Dale Kinney	"	63 "	.20	12.60
Bernice Kisling	"	61½ "	.20	12.30
Ardeth Lare	"	27 "	.20	5.40
Wilhelmine Marten	"	58½ "	.20	11.70
Frances Mesnard	"	79 "	.20	15.80
Gladys Nichols	"	40 "	.20	8.00
Helen Walrath	"	26 "	.20	5.20
LaDonna Young	"	43 "	.20	8.60
Willard Ault	" Chemistry	132 "	.25	33.00
Vera Hinsch	" Home Ec.	32 "	.20	6.40
Marian McElhaney	"	5 "	.20	1.00
Mary Catherine Hebert	" Geography	12 "	.20	2.40
Orville Decker	" Agriculture	9½ "	.25	2.38
Wiley Higley	"	14 "	.25	3.50
Robert Stroschne	"	32 "	.25	8.00
Harold E. Ringer	"	10 "	.25	2.50
Ruth Griffith	" Training Sch.	22 "	.20	4.40
Dorothy Robinson	"	15 "	.20	3.00
Elsie Tisdale	"	6 "	.20	1.20
Kathryn Sams	" Phys. Educ.	40 "	.40	16.00
Christine King	"	2 "	.40	.80
Ruth Bernath	"	24 "	.40	9.60
Beulah Steen	"	9 "	.40	3.60
Ethel Metz	"	6 "	.40	2.40
Glenna Craw	"	4 "	.40	1.60
Lois Felsted	" Office	127 "	.20	25.40
Berenice Bavis	"	33½ "	.20	6.70
Lucile Clague	"	58½ "	.20	11.70
Margaret Holt	"	16 "	.20	3.20
Laura Bates	"	18 "	.20	3.60
O. W. Brackney	"	9½ "	.20	1.90
Chester Chapman	" Phys. Educ.	32 "	.25	8.00
Total		A-2		474.78

March 14 -

Name	Position	Time	Rate	Pension Deduction	Amount
H. B. Williams	President	1 Mo.	687.08	8.89	678.19
Florence Baird	Instructor	1 "	237.11	8.89	228.22
G. W. Beattie	Professor	1 "	409.55	8.89	400.66
C. J. Biery	Professor	1 "	409.55	8.89	400.66
Ruth Bourne	Instructor	1 "	258.66	8.89	249.77
Janet Bower	Instructor	1 "	237.11	8.89	228.22
Grace Cannon	Instructor	1 "	258.66	8.89	249.77
J. W. Carmichael	Professor	1 "	377.21	8.89	368.32
Charles F. Church	Asst. Professor	1 "	280.21	8.89	271.32
D. J. Crowley	Associate Professor	1 "	366.44	8.89	357.55
Dwight Daniels	Instructor	1 "	97.00	3.88	93.12
Grace Durrin	Asst. Professor	1 "	296.38	8.89	287.49
Leon Fauley	Asst. Professor	1 "	296.38	8.89	287.49
Clyde Gleason	Associate Professor	1 "	366.44	8.89	357.55
Mary B. Gray	Asst. Professor	1 "	269.44	8.89	260.55
Anna Gryting	Asst. Professor	1 "	269.44	8.89	260.55
Emilie Hartman	Instructor	1 "	247.88	8.89	238.99
Edna Hedrick	Instructor	1 "	237.11	8.89	228.22
Helen Henderson	Asst. Professor	1 "	312.55	8.89	303.66
Larua Heston	Associate Professor	1 "	344.88	8.89	335.99
R. G. Hieber	Instructor	1 "	237.11	8.89	228.22
Clyde Hissong	Dean College of Education				
	Professor of Education	1 "	458.05	8.89	449.16
W. C. Hoppes	Dir. of Trdg School				
	Associate Professor	1 "	323.33	8.89	314.44
E. G. Knepper	Associate Professor	1 "	388.00	8.89	379.11
C. C. Kohl	Professor	1 "	485.00	8.89	476.11
Paul E. Landis	Asst. Professor	1 "	334.11	8.89	325.22
Alma Leedom	Asst. Registrar	1 "	194.00	7.76	186.24
Rea McCain	Professor	1 "	388.00	8.89	379.11
M. C. McEwen	Asst. Professor	1 "	323.33	8.89	314.44

MC MANUS-THOMP CO., TOLEDO, OHIO-72773

Name	Position	Time	Rate	Pension Deduction	Amount
Mabel Madden	Asst. Professor	1 Mo.	269.44	8.89	260.55
C. S. Martin	Professor	1 "	398.78	8.89	389.89
H. R. Mathias	Instructor	1 "	237.11	8.89	228.22
Lena I. Mills	Asst. Professor	1 "	291.00	8.89	282.11
Mrs. Irene C. Moccers	Instructor	1 "	131.48	5.26	126.22
E. L. Moseley	Professor	1 "	431.11	8.89	422.22
F. R. Neumann	Asst. Professor	1 "	291.00	8.89	282.11
Caroline Nielsen	Associate Professor	1 "	344.88	8.89	335.99
B. F. Nordmann	Associate Professor	1 "	366.44	8.89	357.55
F. C. Ogg	Associate Professor	1 "	323.33	8.89	314.44
Nellie Ogle	Asst. Professor	1 "	269.44	8.89	260.55
Charles H. Otis	Asst. Professor	1 "	344.88	8.89	335.99
J. R. Overman	Dean College of Arts				
	Professor Of Mathematics	1 "	511.94	8.89	503.05
C. D. Perry	Registrar	1 "	388.00	8.89	379.11
Mayme Porter	Instructor	1 "	215.55	8.89	206.66
E. C. Powell	Asst. Professor	1 "	334.11	8.89	325.22
Chas. F. Reeb	Professor	1 "	409.55	8.89	400.66
Alice Roth	Sup. Elem. Prac. Teach.	1 "	291.00	8.89	282.11
John Schwarz	Professor	1 "	409.55	8.89	400.66
Maude F. Sharp	Dean of Women	1 "	344.88	8.89	335.99
Caroline Shaw	Asst. Professor	1 "	301.78	8.89	292.89
Warren E. Steller	Associate Professor	1 "	377.21	8.89	368.32
Minnie Stensland	Asst. Professor	1 "	280.21	8.89	271.32
Helen B. Todd	$\frac{1}{2}$ Time Associate Professor	1 "	188.61	7.54	181.07
Lillian Tressel	Instructor	1 "	237.11	8.89	228.22
R. M. Tunnicliffe	Professor	1 "	409.55	8.89	400.66
Florence Williamson	Professor	1 "	377.21	8.89	368.32
Grace D. Wills	Asst. Professor	1 "	269.44	8.89	260.55
H. C. Witherington	Asst. Professor	1 "	301.78	8.89	292.89
W. A. Zaugg	Professor	1 "	431.11	8.89	422.22
Ethyl Blum	Librarian	1 "	258.66		258.66
Ruby L. King	Asst. Librarian	1 "	161.66		161.66
Margaret Yocom	Asst. Librarian	1 "	161.66		161.66
Gladys Burling	Asst. Librarian	1 "	172.44		172.44
Nina Beattie	Training Sch. Critic	1 "	291.00	8.89	282.11
Maude Deane	Training Sch. Critic	1 "	269.44	8.89	260.55
Margaret Duncan	Training Sch. Critic	1 "	269.44	8.89	260.55
Elsie Lorenz	Training Sch. Critic	1 "	269.44	8.89	260.55
Mildred Paxton	Training Sch. Critic	1 "	269.44	8.89	260.55
Mae Simmons	Training Sch. Critic	1 "	269.44	8.89	260.55
Lydia Winkler	Training Sch. Critic	1 "	269.44	8.89	260.55
Marvalene Day	Ridge St. Sch. Critic	1 "	237.11	8.89	228.22
Vivian Craun	Ridge St. Sch. Critic	1 "	258.66	8.89	249.77
Hattie Crawley	Ridge St. Sch. Critic	1 "	269.44	8.89	260.55
Helen McKibben	Ridge St. Sch. Critic	1 "	269.44	8.89	260.55
Emily Ordway	Ridge St. Sch. Critic	1 "	258.66	8.89	249.77
Ethel Reed	Ridge St. Sch. Critic	1 "	258.66	8.89	249.77
Ruth Van Dorn	Ridge St. Sch. Critic	1 "	258.66	8.89	249.77
Elizabeth Gelvin	Junior H. S. Critic	1 "	215.55	8.89	206.66
Helen Hays	Junior H. S. Critic	1 "	194.00	7.76	186.24
Elizabeth Inman	Junior H. S. Critic	1 "	204.78	8.19	196.59
John J. Kleinfelter	Junior H. S. Critic	1 "	194.00	7.76	186.24
E. N. Littleton	Principal & Critic	1 "	309.86	8.89	300.97
R. Eugene Morse	Junior H. S. Critic	1 "	269.44	8.89	260.55
Ferris Myrice	Junior H. S. Critic	1 "	226.33	8.89	217.44
Nellie Randall	Junior H. S. Critic	1 "	215.55	8.89	206.66
Wilbur Rider	Junior H. S. Critic	1 "	188.61	7.54	181.07
Ralph Schaller	Junior H. S. Critic	1 "	237.11	8.89	228.22
H. R. Troyer	Junior H. S. Critic	1 "	226.33	8.89	217.44
Hazel Underhill	Junior H. S. Critic	1 "	204.78	8.19	196.59
Clarence Winestock	Junior H. S. Critic	1 "	194.00	7.76	186.24
J. M. York	Junior H. S. Critic	1 "	226.33	8.89	217.44
W. A. Alexander	Part-time Sr. H. S. Critic	1 "	54.56	2.18	52.38
Evelyn Harmon	Part-time Sr. H.S.Critic	1 "	107.78	4.31	103.47
Roy V. Hilty	Part-time Sr. H.S.Critic	1 "	118.55	4.74	113.81
Ruby Dean LeVier	Part-time Sr. H.S.Critic	1 "	129.33	5.17	124.16
Ralph Rettig	Part-time Sr. H.S.Critic	1 "	53.88	2.16	51.72
Margaret Robson	Part-time Sr. H.S.Critic	1 "	89.81	3.59	86.22
Katherine Ruh	Part-time Sr.H.S.Critic	1 "	97.00	3.88	93.12
T. F. Edwards	Part-time Rural Critic	1 "	32.33	1.29	31.04
Teachers Retirement				783.49	783.49

Total A-1					27430.09
Mrs. Mary C. Hissong	Sub. College Teaching	32 Hrs.	3.39 per hr.		108.48
Mrs. Marian Murlin	Sub. Teach. Jr. H. S.	11 Das.	6.00 per day		66.00
Mrs. Helen Trichler	Sub. Teach. Ridge St.	5 Das.	5.00 per day		25.00
Mrs. W. C. Hoppes	Sub. Teach. Tr'g Sch.	2 Das.	5.00 per day		10.00
Total A-2					209.48
Rotary-Health					
Helen B. Todd	$\frac{1}{2}$ Time College Physician	1 Mo.	188.61		188.61
A-1					27430.09
A-2					209.48
Rotary-Health					188.61
					27828.18

MC MANUS-THOMP CO., TOLEDO, OHIO-72773

March 18 -

Name	Position	Time	Rate	Amount
W. C. Jordan	Financial Clerk	1 Mo.	291.00	291.00
Gertrude Brod	Bookkeeper	1 "	169.75	169.75
Bessie G. Stallbohm	Stenographer	1 "	121.25	121.25
Ada L. Meyerholtz	Clerk	1 "	121.25	121.25
Idell Wolf	Stenographer	1 "	87.30	87.30
Neva Battles	Stenographer	1 "	80.83	80.83
Marcellene Rigdon	Clerk - one-half time	1 "	40.41	40.41
Randolph Ronk	Supt. of Bldg. & Grds.	1 "	202.08	202.08
John Myers	Janitor	1 "	113.16	113.16
W. E. Frost	Janitor	1 "	92.96	92.96
John Carnicom	Janitor	1 "	92.96	92.96
E. E. Long	Janitor	1 "	92.96	92.96
Kenneth Wyandt	Janitor	1 "	92.96	92.96
Christie Miller	Janitor	1 "	80.83	80.83
Alta L. Miller	Janitress	1 "	24.25	24.25
Alice Stevens	Janitress	1 "	58.20	58.20
Wilda Tavernier	Janitress	1 "	58.20	58.20
Emanuel Smith	Fireman	1 "	116.40	116.40
Chester Spencer	Fireman	1 "	116.40	116.40
Emory Young	Fireman	1 "	116.40	116.40
Charles Clingo	Grounds Laborer	1 "	97.00	97.00
J. W. Palmer	Carpenter	1 "	101.04	101.04
M. Finkenbeiner	Grounds Laborer	1 "	92.96	92.96
Lincoln Miller	Night Watchman	1 "	92.96	92.96
Lyman Stevens	Night Watchman	1 "	121.25	121.25
Ernest Franks	Farmer	1 "	58.20	58.20

Total A-1

2732.96

Marcellene Rigdon	Rotary-Bookstore	1 "	40.42	40.42
	Rotary-Health	1 "	121.25	121.25

A-1

2732.96

Rotary-Bookstore 40.42

Rotary-Health 121.25

2894.63

March 18 -

Name	Position	Time	Rate	Amount
Robert F. Stroschne	Student Help Agriculture	60 1/2 Hrs.	.25	15.13
Ernestine Barckert	Student Help Library	60 Hrs.	.20	12.00
Viola Bates	" " "	49 "	.20	9.80
Howard Berry	" " "	83 "	.20	16.60
DeWayne Burke	" " "	108 "	.20	21.60
Marjorie Caughey	" " "	51 1/2 "	.20	10.30
Dorothy Coriell	" " "	96 "	.20	19.20
Cecil DeLong	" " "	60 "	.20	12.00
Grace Dussault	" " "	60 "	.20	12.00
Martha Fields	" " "	71 "	.20	14.20
Vemba Foltz	" " "	40 "	.20	8.00
Marie Gaeth	" " "	121 "	.20	24.20
Marguerite Hanna	" " "	42 "	.20	8.40
Gale Herbert	" " "	77 "	.20	15.40
Catherine Huber	" " "	83 "	.20	16.60
LaVerda Hutchinson	" " "	55 "	.20	11.00
Selma Katterheinrich	" " "	74 "	.20	14.80
Dorothy Kihlken	" " "	56 "	.20	11.20
Dale Kinney	" " "	69 1/2 "	.20	13.90
Bernice Kisling	" " "	62 "	.20	12.40
Wilhelmine Marten	" " "	61 "	.20	12.20
Frances Mesnard	" " "	36 1/2 "	.20	7.30
Gladys Nichols	" " "	6 "	.20	1.20
LaDonna Young	" " "	64 "	.20	12.80
Marian McElhaney	" " Home Economics	20 "	.20	4.00
Ruth Griffith	" " Training School	19 "	.20	3.80
Elsie Tisdale	" " "	38 "	.20	7.60
J. M. Rohrbaugh	" " Agriculture	62 "	.25	15.50
Wiley H. Hingley	" " "	24 "	.25	6.00
Paul Shafer	" " "	8 "	.25	2.00
Harold E. Ringer	" " "	5 "	.25	1.25
Earl Deppen	" " "	8 "	.25	2.00
Willard Ault	" " Chemistry	149 1/2 "	.25	37.38
Kathryn Sams	" " Phys. Educ.	40 "	.40	16.00
Ruth Bernath	" " "	28 1/2 "	.40	11.40
Beulah Steen	" " "	6 "	.40	2.40
Ethel Metz	" " "	9 1/2 "	.40	3.80
Glenna Crow	" " "	7 "	.40	2.80
Marjorie McElhaney	" " "	15 "	.20	3.00
Shirley Kellogg	" " Library	79 "	.20	15.80

Total A-2

432.96

Moved by Snyder and seconded by Mrs. Edwards that the payrolls be allowed and paid from funds provided therefor. Voting aye: Johnston, Mrs. Edwards, Snyder. Motion carried.

The following claims and expense accounts were presented for action of the Board:

MC MANUS-TROUP CO., TOLEDO, OHIO-72773

<u>Voucher No.</u>	<u>Name of Payee</u>	<u>Appr'n Acct.</u>	<u>Items</u>	<u>Totals</u>
Maintenance H. B. #624 (Year 1932)				
13	The Central Ohio Paper Company	C-8	4.26	
14	Tiedtke's	C-8	10.11	
15	The Wendt & Rausch Company	C-8	31.78	
16	Director of Highways	C-10	12.47	
17	Albert J. Andraud	E-8	8.65	
18	Galaxy Music Corporation	E-8	28.52	
19	Ginn & Company	E-8	19.32	
20	Row, Peterson & Company	E-8	8.00	
21	Willis Music Company	E-8	27.55	
22	Clayton C. Kohl	F-6	9.08	
23	Canceled			
Total - Maintenance				159.74
24	Lewis Manufacturing Company	Rotary-Health	8.93	
25	Lincoln & Dirlam	Rotary-Health	26.00	
26	The Rupp & Bowman Company	Rotary-Health	54.00	
Total - Rotary-Health				88.93
27	The Ohio Fuel Gas Company	C-3	29.87	
28	The City Water Company	F-3	82.23	
29	The Ohio Northern Public Service Co.	F-4	278.61	
30	Northern Ohio Telephone Company	F-7	26.65	
Total - Maintenance				417.36
31	The Ohio Fuel Gas Company	Rotary-Farm	4.24	
32	The Ohio Northern Public Service	Rotary-Farm	3.24	
Total - Rotary				7.48
33	Farm Payroll	Rotary-Farm		58.20
Maintenance H. B. No. 624 (Year 1931)				
(Numbers 977 and 978 were renumbered as Nos. 10 and 11)				
979	The P. R. Nicholson Coal Company	C-3	551.89	
980	H. B. Williams	C-4a	154.96	
981	General Biological Supply House	C-8	12.50	
982	Milton Bradley Company	C-8	81.30	
#984	The McManus-Troup Company	E-1	222.50	
985	Montgomery Ward & Company	E-8	12.36	
986	Canceled			
987	The Western Union Telegraph Company	F-7	.30	
#983	The Newell B. Newton Company	C-8	2.00	
Total- Maintenance				1037.81
Recitation and Departmental Building H. B. No. 596 (Year 1931)				
988	Treasurer of State of Ohio (State Architect & Engineer)	G-2	87.96	
Total - Additions & Betterments				87.96
Maintenance H. B. No. 624 (Year 1932)				
34	The P. R. Nicholson Coal Company	C-3	549.23	
35	The American Crayon Company	C-8	13.86	
36	Conde Nast Publications	C-8	8.00	
37	The Dobson-Evans Company	C-8	16.21	
38	English Food Market	C-8	18.36	
39	The H. W. Gray Company	C-8	8.26	
40	Lehmann's Market	C-8	1.70	
41	Lyon & Healy	C-8	4.46	
42	John J. Maas	C-8	8.08	
43	The Rupp & Bowman Company	C-8	26.14	
44	The Wendt & Rausch Company	C-8	44.95	
45	White House Conference	C-8	1.25	
46	Johnson Service Company	D-4	.90	
47	Henry Vogt Machine Company	D-4	16.40	
48	W. M. Welch Mfg. Co.	E-1	18.52	
49	Central Scientific Company	E-8	66.88	
50	Gaylord Brothers, Inc.	E-8	7.30	
51	The Lasalle & Koch Company	E-8	22.28	
52	G. Schirmer	E-8	81.72	
53	The W. H. Anderson Company	E-8 L.B.	12.50	
54	The Putnam Bookstore	E-8 L.B.	38.00	
55	The National Supply Company	E-9	8.08	
56	Vincent DePrisco	F-1a	10.00	
57	The Keller Truck Line	F-5	.50	
58	R. C. Snyder	F-6	8.88	
59	Home Steam Laundry	F-9	4.39	
60	Mrs. Lena Wilkens	F-9	1.79	
Total - Maintenance				998.64
Recitation & Departmental Building (Equipment) H. B. #596				
61	Burroughs Adding Machine Company	G-2	411.60	
Total Additions & Betterments				411.60
Personal Service H. B. No. 624 Rotary-Health				
62	Thelma R. Stevenson	Rotary-Health	121.25	
Total Personal Service Rotary-Health				121.25

MC MANUS-TRUP CO., TOLEDO, OHIO-72773

<u>Voucher No.</u>	<u>Name of Payee</u>	<u>Appr'n Acct.</u>	<u>Items</u>	<u>Totals</u>
63	Instructors' Payroll	A-1	27430.09	
		A-2	108.48	
		Rotary-Health	188.61	
	Total Personal Service			27727.18
64	Civil Service Payroll	A-1	2732.96	
		Rotary-Bookstore	40.42	
		Rotary-Health	121.25	
	Total - Personal Service			2894.63
65	Student Help Payroll	A-2		474.78
	Maintenance - H. B. No. 624 (Year 1932)			
66	The P. R. Nicholson Coal Company	C-3	827.29	
67	The Ohio Fuel Gas Company	C-3	37.71	
68	Burroughs Adding Machine Company	C-8	3.12	
69	Eimer & Amend	C-8	26.35	
70	House Beautiful	C-8	4.50	
71	Lefebure Corporation	C-8	13.36	
72	Ohio News, Inc.	C-8	39.75	
73	The Ohio Scholarship Test s	C-8	2.60	
74	The Rupp & Bowman Company	C-8	12.98	
75	The Hankey Lumber & Bldg. Company	D-2	5.08	
76	The Blade Printing & Paper Company	E-8	3.31	
77	The Lasalle & Koch Company	E-8	.50	
78	A. J. Nystrom & Company	E-8	7.76	
79	W. J. Paquette	E-8	26.15	
80	J. H. Jansen	E-8 L.B.	13.50	
81	The City Water Company	F-3	99.83	
82	The Ohio Northern Public Service Co.	F-4	370.20	
83	Northern Ohio Telephone Company	F-7	31.40	
84	Department of Finance	F-8	5.75	
	Total - Maintenance			1531.14
85	The Ohio Fuel Gas Company	Rotary-Farm	4.90	
86	The Ohio Northern Public Service	Rotary-Farm	1.00	
	Total - Rotary			5.90
	Rotary-Bookstore (Year 1932)			
87	American Book Company	Rotary-Bookstore	29.05	
88	D. Appleton & Company	Rotary-Bookstore	108.48	
89	The Bruce Publishing Co.	Rotary- Bookstore	5.72	
90	The Century Company	Rotary-Bookstore	67.24	
91	Frederick J. Drake & Company	Rotary-Bookstore	3.30	
92	J. R. Overman	Rotary-Bookstore	31.25	
93	The A. N. Palmer Company	Rotary-Bookstore	9.78	
94	Public School Publishing Co.	Rotary-Bookstore	9.18	
95	Scott, Foresman & Company	Rotary-Bookstore	173.74	
96	South-Western Pub. Co.	Rotary-Bookstore	28.93	
97	University Press	Rotary-Bookstore	27.48	
98	Zaner & Bloser Company	Rotary-Bookstore	12.80	
	Total - Rotary-Bookstore			506.95
	Maintenance H. B. No. 624 (Year 1932)			
99	The American Assoc. of Teachers Coll.	H-8	15.00	
100	North Central Association of Colleges and Secondary Schools	H-8	50.00	
	Total - Maintenance			65.00
101	Home Steam Laundry	F-9	6.26	
	Total Maintenance			6.26
102	Home Steam Laundry	Rotary-Health		2.29
103	Instructors' Payroll	A-1	27430.09	
		A-2	209.48	
		Rotary-Health	188.61	
	Total Personal Service			27828.18
	Rotary-Farm H. B. #624 (Year 1932)			
104	H. E. Ash	Farm	35.25	
105	Campbell & Collier	Farm	4.09	
106	The Creamery Package Mfg. Co.	Farm	3.88	
107	The Hankey Lumber & Bldg. Co.	Farm	10.30	
108	C. G. Heiby Hdwe.	Farm	3.00	
109	The Hub Grain Co.	Farm	444.47	
110	Irelands Restaurant	Farm	6.50	
111	Matt Leisendecker	Farm	5.00	
112	L. S. Matteson	Farm	59.45	
113	Model Dairy	Farm	773.53	
114	Smith Bros.	Farm	5.00	
115	Wiggins & Gillespie	Farm	10.70	
116	Loran Wood	Farm	24.00	
117	The Wood County Holstein Breeders Co.	Farm	75.00	
118	The Wood County Ice Company	Farm	40.50	
	Total - Rotary-Farm			1500.67

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<u>Voucher No.</u>	<u>Name of Payee</u>	<u>Appr'n Acct.</u>	<u>Items</u>	<u>Totals</u>
Maintenance H. B. No. 624 (Year 1932)				
119	The P. R. Nicholson Coal Co.	C-3	1280.72	
120	Albert J. Andraud	C-8	2.60	
121	Disbursing Clerk, Dept. of Agriculture	C-8	.50	
122	The Dobson-Evans Company	C-8	61.20	
123	English Food Market	C-8	33.68	
124	Gaylord Bros., Inc.	C-8	4.37	
125	Edwin F. Kalmus, Inc.	C-8	17.72	
126	Remington Rand Inc.	C-8	4.50	
127	The McManus-Troup Company	E-1	56.87	
128	W. E. Watkins & Company	E-1	13.89	
129	The Blade Printing & Paper Company	E-8	4.59	
130	Central Scientific Company	E-8	65.72	
131	Eberbach & Son Company	F-1a	11.00	
132	The Ohio State Reformatory	F-8	255.53	
133	Ohio Schools	F-9	68.60	
Total - Maintenance				1881.49
Bookstore-Rotary				
134	Burgess-Roseberry Company	Bookstore	11.80	
135	Dept. of Agriculture Chemistry			
	Ohio State University	Bookstore	9.75	
136	J. B. Lippincott Company	Bookstore	19.56	
137	W. B. Saunders Company	Bookstore	103.93	
138	Silver, Burdett & Company	Bookstore	45.52	
139	The University of Chicago Press	Bookstore	93.86	
Total - Rotary-Bookstore				284.42
140	Civil Service Payroll	A-1	2732.96	
		Rotary-Bookstore	40.42	
		Rotary-Health	121.25	
Total - Personal Service				2894.63
141	Student Help Payroll	A-2		432.96
Maintenance H. B. No. 624 (Year 1931)				
989	A. Durand & Files	C-8	23.81	
990	Michigan Biological Supply Company	C-8	4.05	
991	The Paris Pattern Company	C-8	1.00	
992	Mrs. Mila Wilson	C-8	4.20	
993	Division of Motor Transport, Columbus	C-10	60.00	
994	The McManus-Troup Company	E-1	87.89	
995	O. W. Brackney	E-8	55.48	
996	The Lasalle & Koch Company	E-8	61.24	
997	F. H. Prieur	E-8	7.50	
998	Walker Studio	E-8	16.00	
999	Dauber & Fine Bookshops, Inc.	E-8 L.B.	29.41	
1000	The Putnam Bookstore Inc.	E-8 L.B.	3.20	
1001	E. G. Reitz Company	F-1	61.00	
1002	H. B. Williams	F-6	116.23	
Total - Maintenance				531.01
Maintenance H. B. No. 624 (Year 1932)				
142	The Hub Grain Company	C-2	9.73	
143	The Bostwick-Braun Company	C-8	33.71	
144	E. M. Butler	C-8	1.30	
145	Director of the Geological Survey	C-8	2.50	
146	English Food Market	C-8	.40	
147	Gus Goebel	C-8	1.25	
148	John J. Maas	C-8	.62	
149	Teachers College, Bureau of Publications	C-8	2.50	
150	H. Rappaport & Company	C-11	14.17	
151	Ruud Manufacturing Company	D-4	123.26	
152	R. R. Bowker Company	E-8 L.B.	4.10	
153	The Toledo News Company	E-8 L.B.	7.62	
154	The H. W. Wilson Company	E-8 L.B.	1.80	
155	Burroughs Adding Machine Company	F-1a	6.46	
156	The Cleveland, Columbus & Cincinnati Highway Inc.	F-5	1.18	
157	The Keller Truck Line	F-5	.50	
158	E. L. Moseley	F-5	1.09	
159	Matt Leiendecker	F-9	2.50	
160	The Bank of Wood County Company	H-8	5.00	
Total - Maintenance				219.69
161	The National Refining Company	Rotary-Farm	15.08	
162	Dr. H. E. Whitacre	Rotary-Health	5.00	
Total				239.77
163	Crown Ribbon & Carbon Mfg. Co.	C-4	18.00	
164	Albert J. Andraud	C-8	4.75	
165	Rand McNally & Company	C-8	6.15	
166	G. Schirmer, Inc.	C-8	7.13	

MC MANUS-TRUP CO., TOLEDO, OHIO-72773

<u>Voucher No.</u>	<u>Name of Payee</u>	<u>Appr'n Acct.</u>	<u>Items</u>	<u>Totals</u>
167	The Wendt & Rausch Company	C-8	14.19	
168	Wiggins & Gillespie	C-11	17.80	
169	American Book Company	E-8	12.00	
170	Houghton Mifflin Company, Pubr.	E-8	1.58	
171	Laidlaw Brothers	E-8	15.59	
172	The Macmillen Company	E-8	14.24	
173	Talens School Products Inc.	E-8	7.92	
174	The Baker & Taylor Company	E-8 L.B.	36.93	
Total - Maintenance				156.28
Rotary-Bookstore				
175	D. Appleton & Company	Bookstore	22.44	
176	Bowling Green State College	Bookstore	5.00	
177	The Central Ohio Paper Company	Bookstore	24.92	
178	Ginn & Company	Bookstore	283.45	
179	Henry Holt & Company	Bookstore	73.10	
180	Houghton Mifflin Company	Bookstore	190.59	
181	Lyon & Healy	Bookstore	11.20	
182	Prentice-Hall, Inc.	Bookstore	9.48	
Total - Rotary-Bookstore				620.18

Moved by Snyder and seconded by Mrs. Edwards that the claims and expense accounts be allowed and paid, the fund designations to be made by Dr. Williams. Voting aye: Johnston, Mrs. Edwards, Snyder. Motion carried.

There being no further business the Board adjourned to meet at the call of the President.

Attest:

Mrs. B. Edwards
Secretary

A. Johnston
President